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(72) Inventor: **Mizumaki, Hidetaka**
Nara-shi, Nara 630-8114 (JP)

(74) Representative: **Brown, Kenneth Richard et al**
R.G.C. Jenkins & Co.
26 Caxton Street
London SW1H 0RJ (GB)

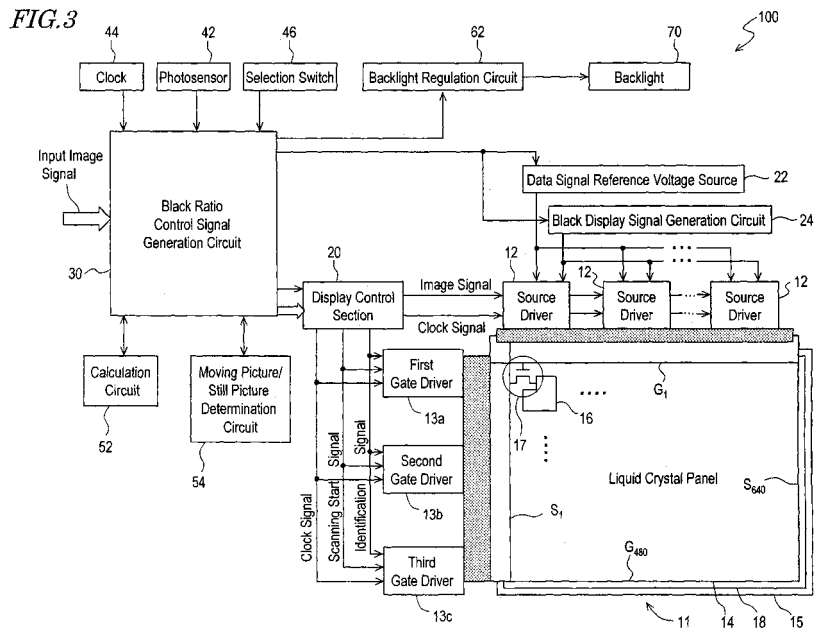
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(71) Applicant: **Sharp Kabushiki Kaisha**
Osaka 545-8522 (JP)

(54) **Display device and driving method thereof**

(57) The display device of the invention includes a display panel including a plurality of pixels arranged in a matrix of rows and columns, and switching elements each being connected to a corresponding one of the plurality of pixels; row driving circuits to for each selecting a row in the plurality of pixels by supplying a selection signal to the switching elements; column driving circuits for each supplying a data signal to pixels connected to the switching elements selected with the selection signal;

and a black display signal generation circuit for generating a black display signal for causing the plurality of pixels to perform a black display. The data signal and the black display signal are supplied to each of the plurality of pixels during a period corresponding to one vertical scanning period. The display device further includes a black ratio control signal generation circuit for generating a black ratio control signal defining a ratio between a first period of retaining the data signal and a second period of retaining the black display signal.





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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 2 August 2007	Examiner Lochhead, Steven
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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